NOTICE

All drawings located at the end of the document.

BUILDING 991 FACILITY RSOP NOTIFICATION FOR FACILITY DISPOSITION

This RSOP Notification for Facility Disposition addresses the remaining portion of the Building 991 facility. This notification discusses the physical condition of the facility and includes the pre-demolition survey (PDS) results for the remainder of the facility that was not addressed in the previously submitted Facility Disposition RSOP Notification Letters (03-RF-01436 and 04-RF-00146).

PHYSICAL DESCRIPTION

Building 991 was the Product Warehouse for RFETS, constructed and put into service in 1952. Building 991 sits on the east side of the Plant in a natural depression approximately 100 yards north of Central Avenue. The building is a steel-reinforced poured concrete superstructure approximately 165 feet wide by approximately 375 feet long, which includes the Shipping Dock Area and open covered storage area on the west end. Building 991 is approximately 22 feet above ground at the top of the concrete parapet for the south office and old lab areas. The north part of Building has an additional 14 feet of height, which is the old process area of the building. The Building 991 east-west high-bay area has 24-inch-steel-reinforced poured concrete walls that support an overhead Crane Rail. The concrete roof deck has an additional poured lightweight concrete flat roof with the BUR flat roof design sealed with tar and gravel.

PREVIOUS ACTIONS

Previous to this effort, the 991 Corridor C tunnel, an underground tunnel between Building 991 and three of the four underground storage vaults 996, 997 and 999, were foamed shut and left in place during the last week of September 2003 (03-RF-01436). In February 2004, the RSOP Notification (04-RF-00146) allowed the 991 Corridor A, Corridor B, vault 998, and Room 402 to remain in place with foam plugs at the entrance to both Corridor A and B and Room 402 filled with foam. See the attached drawing for locations of previously installed foam plugs. Buildings 985, 992, 989, and 984 were all associated with, and/or adjacent to B991 and were demolished under separate actions. All RCRA regulated materials have been removed from the remaining 991 facilities (i.e., fluorescent light bulbs, circuit boards, mercury switches, batteries). Limited amounts of Category I nonfriable asbestos containing materials such as resilient floor tiles remain and will be managed appropriately through controlled processes during demolition.

PROPOSED ACTIONS

Heavy equipment will be used to demolish portions of the aboveground structure. The rubble will be sized and hauled to a sanitary landfill for disposal as non-routine sanitary waste or PCB Bulk Product Waste. Based on the planned final grade, some portions of the building will be left in place. The portions to remain include the north exterior wall beginning at the west end at the 991 tunnel entrance and proceeding eastward for approximately 2/3 of the building's length, and most of the main floor. The southeast 1/3 of main floor of the building will be removed, as will the floor over the "U" shaped basement area. Afterwards, the exposed basement area will be filled in until it is level with the remaining main floor.

Once the basement is filled, the remaining main floor area will be left in place and covered during the final grading. The final site grade is designed to restore the original contour of the natural depression, and will involve importing fill materials from locations both on and off-site. All portions of the building that are left in place will be a minimum of 3 feet below the final site grade.

The principle point of contact for this project is J.R. Marschall, (303) 966-2372.

CERCLA ADMINISTRATIVE RECORD INDEX AND CONTACT RECORDS

4/17/2002	Contact Record between V. Guthrie, K-H, and D. Kruchek, CDPHE; Proposed characterization for the Building 991 Complex
2/4/2003	DOE submits the RLCR (Rev.1, 1/14/2003) to CDPHE for approval.
3/12/2003	Contact Record between K. Wiemelt, K-H, and D. Kruchek, CDPHE; request approval for conducting utility disconnects at the 991 tunnel prior to RLCR approval.
3/21/2003	CDPHE grants partial approval of the RLCR.
8/4/2003	DOE submits RSOP for Component Removal Notification for Building 991 Tunnel, including vaults 996, 997, and 999.
7/31/2003	Contact record between K. Wiemelt, K-H and D. Kruchek, CDPHE; discusses RSOP for Component Removal Notification for Building 991 Tunnel and requests verbal approval to begin removal.
8/8/2003	CDPHE grants written approval to begin activities under the RSOP for Component Removal Notification for Building 991 Tunnel.
9/5/2003	DOE submits RSOP Notification of Component Removal, Size Reduction and Decontamination Activities for Building 991 and 998, and RCRA Closure for Units 991.1 and 984.1.
9/10/2003	DOE submits to CDPHE the PDSR for Building 991 west tunnel, plenum building 985, and vaults 996, 997, and 999 for approval.
9/16/2003	CDPHE approves the PDSR for Building 991 west tunnel, plenum building 985, and vaults 996, 997, and 999.
9/19/2003	The RSOP Notification for Facility Disposition of the 991 Corridor C Tunnel and Vaults 996, 997, and 999 is submitted to CDPHE for approval.
10/9/2003	CDPHE approves activities presented in the RSOP Notification for Facility Disposition of the 991 Corridor C Tunnel and Vaults 996, 997, and 999.
10/17/2003	CDPHE approves the RSOP Notification of Component Removal, Size Reduction and Decontamination Activities for Building 991 and 998, and RCRA Closure for Units 991.1 and 984.1 (administratively closed).
11/19/2003	Contact Record between J.R. Marschall, K-H and D. Kruchek, CDPHE; Discuss the properties of the foam that will be used to plug the tunnel and vault areas.
1/7/2004	Contact Record between J.R. Marschall, K-H and D. Kruchek, CDPHE; Agreement to plug corridor A, corridor B, and room 402 with foam.
2/3/2004	The RSOP Notification for Facility Disposition of 998 Tunnel, Corridor B, and Room 402 is submitted to CDPHE for approval.

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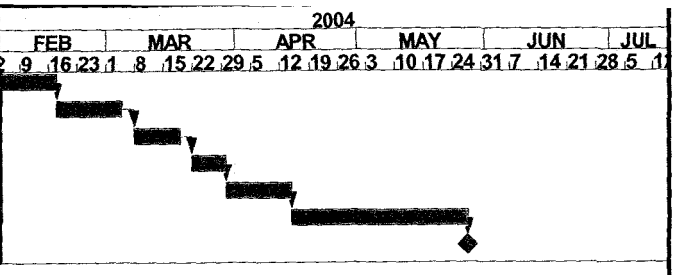
FACILITY MAP
ATTACHMENT 2

LEVEL 1 SCHEDULE
ATTACHMENT 3

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
991D1	B991 Demolition Prep	8	8	16	19JAN04A	17FEB04
991D11	B991 Demolition to Floor Level	10	10	0	18FEB04	04MAR04
991D21	B991 Demolition Flr /(basement)	8	8	0	08MAR04	18MAR04
991D31	B991 Backfill Basement	5	5	0	22MAR04	29MAR04
991D41	B991 Walks & Paving Removal	10	10	0	30MAR04	14APR04
991D51	B991 Final Grading/Seeding	25	25	0	15APR04	27MAY04
991D61	B991 Demolition Project Complete	0	0	0		27MAY04



Start Date	04FEB04
Finish Date	27MAY04
Data Date	04FEB04
Run Date	04FEB04 15:39

Early Bar
Progress Bar
Critical Activity

991R

Sheet 1 of 1

B991 Demolition

February-May, 2004

Date	Revision	Checked	Approved

PRE-DEMOLITION SURVEY REPORT
ATTACHMENT 4

Department of Energy

ROCKY FLATS FIELD OFFICE
10808 HIGHWAY 93, UNIT A
GOLDEN, COLORADO 80403-8200

FEB 10 2004

04-DOE-00113

Mr. Steven H. Gunderson
RFCA Project Coordinator
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80222-1530

Dear Mr. Gunderson:

Please find the Facility Disposition RSOP (Rocky Flats Cleanup Agreement Standard Operating Protocol) notification letter for Building 991 [FEG-004-04] demolition, a type 2 facility, based upon the Pre-Demolition Survey Report (PDSR). Note that the 998 tunnel, Corridor B, and Room 402, also identified as Type 2 facilities were previously submitted in an earlier notification.

Questions can be directed to Gary P. Morgan, AMP at (303) 966-6003.

Sincerely,

Joseph A. Legare, Assistant Manager
for Environment and Stewardship

Enclosures

cc w/o Encl:
C. Freiboth, K-H, RISS D&D
S. Nesta, K-H, RISS Env
D. Parsons, K-H, RISS D&D
T. Rehder, EPA Region VIII
Administrative Record

Facility Disposition RSOP Map

PAGE 1 OF 1

B985
(Plenum Bldg.)

Building 991

East Tunnel to B998

Vault
B998

West Tunnel Access Corridor

Elevator

FOAM TO 6' HEIGHT

FOAM TO 2' OVER TOP OF DOOR

FOAM PLUGS TO CEILING (UNLESS NOTED)

FLOOR REMOVED REST OF FLOOR REMAINS

BASEMENT CORRIDOR TO BE BACKFILLED.

SU 005 SANS WALLS TO BE REMOVED FOR PDS (1/2 DRAWING SCALE)

WALL

East Tunnel

~ 190'

DOCK

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N

0 FEET 30

0 METERS 10

1 inch = 24 feet 1 grid sq. = 1 sq. m.

Scan Survey Information
Survey Instrument ID #(s) & RCT ID #(s):

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: GIS Dept. 303-966-7707

Prepared for:

CH2MHILL
Communications Group

KAISER HILL

MAP ID: 03-JS-A2G2/991-FDRM

Jan. 27, 2004